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Project Review Committee

10 September 1951

Director of Communications

Quartz Radio Crystal Requirements

- 1. In order to meet the world-wide communications commitments of this Agency, the Office of Communications must maintain a stock of quartz radio crystals. These crystals are essential to the operation of any radio network in that they are used to control the output frequency of radio transmitters.
- 2. A survey of Agency radio networks, particularly stay-behind and other clandestine projects approved for implementation and requiring Communications support, indicates that our stocks of radio quartz crystals during the next three years must be increased by 150,000 units over and above those units ourrently under procurement.
- 3. The unit cost for crystals on the current market is \$2.33. Information reaching the Office of Communications indicates that there will be an upward cost trend of approximately 35% on these units and that procurement lead time will be extended to from 18 to 24 months.
- 4. Inasmuch as quartz crystals come from controlled stocks and in view of the above trends it is essential that procurement be initiated immediately in order to assure availability of quartz crystals for Agency operations. Proferement at this time will undoubtedly result in substantial savings to the Covernment.
- In view of these factors it is requested that the sum of \$350,000 be allocated for use by the Office of Communications in current procurement of quartz radio crystals. This amount will be removed from the FY 1953 estimate.

PERRY T. JOHNSON Acting

Concurrence:

Andrew Van Esso Chief, Office of Procurement

co: Eng Ops Admin